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PATENT

PALLETIZED TRAY SYSTEM

DESCRIPTION

CROSS-REFERENCE TO RELATED APPLICATION

This application is a divisional of co-pending U.S. Application No. 10/034,408 filed December 27, 2001, now patent number 6,874,637.

TECHNICAL FIELD

The present invention generally relates to pallets, and more particularly, to a tray system supported on a plastic pallet assembly.

BACKGROUND OF THE INVENTION

It is customary to transport goods and to store goods on pallets. Palletized goods are maintained in a position above the flooring. This is very advantageous in areas where there is flooding or where the condition of the flooring is either rough or of concern. Standard pallets are particularly useful in materials handling because forklift equipment can maneuver the pallets by inserting their forklift tines into channels provided by the pallet. Typically, pallets are constructed of wood. In the past, wooden pallets have provided advantages of economy, simplicity and durability, principally because of the lack of other suitable materials. However, wooden pallets are extremely heavy and costly.

In the past decades with the growth of the plastics industry, a wide variety of plastics have been investigated to determine their suitability for use in producing pallets. Plastic pallets can easily be manufactured and are more precise, uniform and cleaner than wooden pallets; also, the plastic used can be composed of recycled materials and can be recycled again. Furthermore, plastic pallets are more durable than wooden pallets. Plastic pallets light in weight, durable, capable of supporting heavy loads, easy to manufacture and have interchangeable parts are disclosed in: PLASTIC PALLET, U.S. Patent No. 4,843,976, issued 4 July 1989; PLASTIC PALLET, U.S. Patent No.